

INTELLFAX 21

25X1A

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY
CENTRAL INTELLIGENCE AGENCY REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 9 November 1950

SUBJECT The Luetzkendorf Mineral
Oil Plant

NO. OF PAGES 8

PLACE ACQUIRED [REDACTED] 25X1A

NO. OF ENCL. (LISTED BELOW) 1 diagram*

DATE OF INFO. [REDACTED]

RETURN TO CIA
LIBRARY
25X1X

25X1A

SUPPLEMENT TO REPORT NO. [REDACTED]

1. The Luetzkendorf Mineral Oil Plant in Krumpa near Merseburg belonged to the Wintershall Corporation until 1945, when the plant became the property of Land Saxony-Anhalt. In late 1949, it was reorganized and put under the direct control of the DWK. Now under the Ministry of Industry the Luetzkendorf Plant is assigned to the VVB (Z) "Valuable Carbon Materials" (Kohlenwertstoff) and has the plant number 22/336/1000.
2. Through dismantling the plant lost installations worth 35 million RM. This was almost 44 percent of the plant's total value, estimated to have been 80 million RM. The following equipment was dismantled. The number beside each item indicates the building from which the equipment was removed. *
- In narrow field (sic) gasification (Schmalfeldvergasung) department:
One installation, which was sent to Moscow.
 - In the hydrogenation plant, all the equipment in buildings 201, 202, and 203. This equipment, which weighed a total of 7,000 tons, was sent to Tashkent. **
 - In the synthetic gas department:

12 regenerator burners)
4 burners for preheating air)
3 air blowers with motor)
3 rotation gas blowers)
3 synthetic gas blowers)
several rotary pumps (capacity: 750 cu.m. per hour))
1 automatic valve-control mechanism)
2 centrifugal pumps (capacity: 500 cu.m. per hour))
3 centrifugal pumps (capacity: 750 cu.m. per hour))
2 hammer mills)
2 escape control mechanisms (Abzuggregler))
miscellaneous equipment)

3a to 3t
Nov 30 1950

25X1A

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY [REDACTED]

SECRET/CONTROL - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

-2-

25X1A

d. In the producer gas department:

2 disintegrators (3c)
 2 motors weighing 37,500 kg and with a capacity of 240 kw (3c)
 4 filling pumps (Fuellerpumpen) with motors (3c)
 1 disintegrator with motor (3m)
 1 disintegrator with motor (3k)
 1 vertical boiler utilizing waste gases (Abhitzkessel)
 (heating surface: 522 sq.m.) (3k)
 3 centrifugal pumps (capacity: 35 cu.m. per hour) (3k)
 2 turbine blowers (capacity: 25,000 cu.m. per hour) (3k)
 1 disintegrator (capacity: 60,000 cu.m. per hour) (99)
 1 inclined boiler (capacity: 35,000 cu.m. per hour) (3n)
 1 vertical boiler (heating surface: 522 sq.m.) (3n)
 4 centrifugal pumps (capacity: 35 cu.m. per hour) (3n)
 1 boiler utilizing waste gases (heating surface: 500 sq.m.) (3t)

e. In the air decomposition department (Luftzerlegung):

1 turbo compressor (weight: 40 tons) (82)

f. In the hydrogen department:

All installations in buildings 16 and 16a. Until this installation had been reconstructed in late 1947, no hydrogen could be produced at the Luetzkendorf Plant.

g. In the coal-drying installation:

1 hammer mill with motor)
2 filling pumps with motor)
1 primary ventilator)
1 ventilator)
1 combined grinding and distributing machine with motor)
1 separator made of forged iron with breaker plates)
1 cast iron burner)
other machines)

5a,b,c.

3. The Luetzkendorf Plant produces the following in its lubricating oil factory:

Lubricating oil distillates, viscosity 3.5 at 20° Centigrade
 Lubricating oil distillates, viscosity 2.5 at 50° Centigrade
 Machine oil distillates, viscosity 4 to 6 at 30° Centigrade
 Compressor oils, viscosity 10 to 12 at 50° Centigrade
 Superheated steam cylinder oils, flash point 305° Centigrade
 Turbine oil, viscosity 4 at 50° Centigrade
 Dark oil, viscosity 7 at 50° Centigrade
 Motor oil, viscosity 10 to 12 at 50° Centigrade
 Railroad car axle oil
 Gasoline
 Kerosene
 Diesel oil
 Crude oil paraffin "gatsch" (paraffin residue)
 Crude ceresin
 Brown paraffin in slabs
 Raw vaseline
 Asphalt
 Bitumen
 Propane resin
 Phenol extract

Production in the plant's Fischer-Tropsch synthetic (Synthese) department is as follows:

Crude benzol
 Motor gasoline
 Liquid gas

CENTRAL INTELLIGENCE AGENCY

-3-

25X1A

Diesel fuel
 Contact paraffin
 Paraffin "gatsch" (paraffin residue)
 Lighter fluid
 Sulphur
 Oxygen

4. The annual capacity of the lubricating oil factory is 120,000 tons while the annual capacity of the reconstructed synthetic department is 16,000 to 17,000 tons of primary products. The 1950 production plan provides for utilization of the lubricating oil factory to its capacity and for an increase in the synthetic production to 15,000 tons of primary products a year.*** The projected construction of a new paraffin oxidation plant should improve the Soviet Zone supply of washing agents and of sebacic acid. The bitumen output amounted to about 4,000 tons during the first quarter of 1950.
5. The gasoline produced at Luetzkendorf is delivered to the following plants: The Klaffenbach (N 51/K 65) Mineral Oil Plant, which is now assigned to VVB (Z) "Valuable Carbon Materials" under number 22/375/1002; the Tar-distilling and Chemical Plant, plant number 22/173/1001 of VVB(Z) "Valuable Carbon Materials", on Ruetgerstrasse in Eriksen near Berlin; Schieveck and Company Plant for Chemical Tar Products, which is private plant number 22/192/4001 on 16 Kanalstrasse in Veltin. In this plant the gasoline is used mainly for further processing as technical gasoline and as a solvent for the dye industry.
6. Until 1945, Luetzkendorf obtained its crude oil from Nienhagen near Hannover and from the German oil district around the Ems River. Since 1946, regular crude oil shipments have been coming from Zistersdorf in Austria. This crude oil, which contains much paraffin, comes by train from Zistersdorf via Moravská Trebová (P 50/N 46), Bodenbach (N 51/F 56), and Schandau (N 51/F 57) to Krumpa. The following Zistersdorf crude oil shipments have been reported:

1945: no shipments. The Luetzkendorf production was based on existing stocks
 1946: about 70,000 tons
 1947: about 78,000 tons
 1948: about 70,000 tons
 1949: about 90,000 tons (?)

January 1950: 10,000 tons
 February 1950: 10,000 tons
 March 1950: 8,000 tons

The Vienna-Lobau and the Matzen (P 49/S 61) oil wells, whose oil contains much asphalt, have also been supplying the Luetzkendorf plant since 1950. The Luetzkendorf plant's Fischer-Tropsch synthetic department processes in part the distilling residues of the lubricating oil factory and in part brown coal from the central German brown coal district, especially from the Cecilie and Leonhardt mines.

7. The Luetzkendorf plant, which employs 5,500 to 6,000 workers, is directed by the following officials:

Technical manager:
 Management assis.
 Commercial mana.
 Social manager:

25X1B

Leading personnel in the individual installations are as follows:

Lubricating oil factory:

25X1B

SECRET-CONTROL/US OFFICIALS ONLY

25X1A

25X1B

Fischer-Tropsch synthetic departm

Fischer-Tropsch Installation:

Producer gas department:

Air decomposition (Luftzerlegung)

Postprocessing department:

Power station: Engineer Dausenau,

Construction department: [redacted]

Main workshop:

Workshop of the lubricating oil f.

25X1A

[redacted] Comment. See sketch map and legend in Annex 1.

[redacted] Comment. A previous report indicated that the Soviets gave the Luetzkendorf Hydrogenation Plant to the Poles, who allegedly reconstructed the plant in Oswiecim (Auschwitz). [redacted] The present report, however, appears to be correct.

25X1A

[redacted] Comment. According to a previous report, the lubricating oil factory produced a total of 56,856.1 tons of refinery products in 1948, while in the same year the Fischer-Tropsch synthetic department manufactured 129,333 cubic meters of oxygen, and 8,370.4 tons of primary products, including about 4,500 tons of fuels.

25X1A

1 Annex: Former Wintershall Corporation Luetzkendorf Plant Krumpa Near Merseburg.

Legend to Annex

- 1 Conveyor belt to the bunker (building No 2)
- 2 Coal bunker
- 3a to 3d Water gas production
- 3k,m,n,r,t Producer gas production
- 3p Coal dust bunker
- 4 Six cooling towers with two pump houses
- 5a,b,c Coal dust production (corner tower structure)
- 6 Conveyor belt between the bunker and the gasification plant
- 7 Switch station II
- 8 Gasometer for synthetic gas, 30,000 cubic meters
- 8a Pumping station for recooling water
- 9 Gasometer for producer gas, 30,000 cubic meters
- 9a Pumping station for mud water
- 10 Water supply basin for scavenging
- 10a Pumping station for acid and muddy water
- 11 "Akazit" installation
- 12 Fine cleaning shop with a depot ("Masselager")
- 13a,b Furnace shop
- 13e Deparaffining installation
- 14 Direct condensation
- 15 Active carbon installation
- 16 Hydrogen installation
- 16a Machine house II
- 17 Recooling plant, cooling tower I and II, machine house
- 18 Power station with annex
- 18a Superheater
- 19 Boilerhouse with water-purifying installation and electro-filters
- 19a "Natrop-Eberhardt" boiler with suction draught installation
- 19b Perlmitite water reservoir
- 20 Cooling tower
- 21 Cooling tower
- 22 Turntable
- 23 Laboratory
- 24 Bath and dressing rooms (Kauengebaeude)
- 25 Gatekeeper's house
- 26 Bicycle shed with fire depot
- 27 Administration building
- 28 Garage with office rooms
- 29 Plant restaurant
- 30a Heating gas blower sets with gas coolers
- 30b Synthetic gas blower sets with Theisen cleaners
- 31 "Claus" installation with sulfur depot and leading facilities
- 33 Tanks
- 34 Gasometer for gas oil
- 35 Distillation plant
- 37 Workshop
- 38 Storehouse
- 39 Switch station IX
- 40 Water tank with pumping station
- 41 Gas oil loading installation
- 42 Track scales (Gleiswaage)
- 44 Weigh-bridge (Fuhrwerkswaage)
- 45 Deep well I and II
- 46 Starting generator I and II with blowers
- 47 Smokestack
- 48 Switch station III
- 49 Two cooling towers with pumping station
- 50 Switch station IV
- 51 Acetylene installation
- 52 Cracking installation
- 53 Tanks for oil distillation
- 54 Switch station V

55 Workshop
57 Back pressure turbine house with switch station VI
58 Cooling tower with pumping room
59 Pumping station with mud basin
60 Reduction installation
61 Waiting room
62 Gasoline pumping house
63 Gasmeter, 15,000 cbm
64 Gasmeter, 2,000 cbm
65 Gasmeter, 200 cbm
66 Plant office
67 Evaporating installation
68 Shed housing the stone dump
69- Storage cantonment building
72 Office building
73 Plant office (power and thermal department)
74 Oxygen gasmeter, 1,000 cbm
75 Stabilizer installation
76 Kogasin washing plant with pumping station
77 Plant building with laboratory I
78 Gasmeter, 300 cbm
79 Ethyl-fluid-mixture
80 Garage
81 Compressors and blowing engine house
82 Oxygen plant
84 Pumping station with purifying lake
86 Two transformer stations for power supply coming from outside sources
87 Measuring workshop
88 Cooling tower
89 Storage room for oil and gasoline barrels
90 Oil cleaning installation with pumping station
92 Multiple purpose room
93 Aid station
95a Sulfur dry cleaning for synthetic gas and hydrogenation rich gas
96 Storage sheds
97 Cantonment buildings with bath and dressing rooms
98 Nitrogen gasmeter, 20,000 cbm
99a Heating gas blowing engine station with Theisen cleaners and gas coolers
99b Blowing engine station for residue gas
100a Switch station XI
100b Office
102 Switch station
103 Cooling tower
104 Workshop
108 Purifying plant
109 Gasoline purifying basin
110 Pump house
113 Water tanks (not purified water)
114 Workshop
115 Gas oil loading installation
116 Cooling tower
119 Toilet
120 Blowing engine house for rough cleaning
121 Mud water purifying plant for Cecilie Mine
122 Mud pumping station
123 Workshop
125 Waiting rooms (Aufenthaltsraeume)
126 Groest storage shed
128 Delivery station of the Cecilie Mine
131 Old briquetting factory of the Emma Mine
132 Waste-water purifying basin
134 Bunkers
137 Superfine cleaning
201 Compressor workshop with switch station VII
202 High pressure pumping station
203 Furnace block house
204 Distillation installation
205 Tanks
206 Cooling tower
207 Tank
208 Filter separator

SECRET/CONTROL - U. S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY
3/ Annex

25X1A

208b Flash drum refinery
 209 Cooling tower
 210 Contact dressing
 211 Bath and dressing rooms (Kale)
 213 Carbon oxide cleaning installation
 301 Crude oil tanks
 302 Distilling installation
 302a Cooling tower
 303 Phenol extracting installation
 304 Fuller's earth installation
 305 De-asphalting and de-paraffining installations
 306 Tanks (residues)
 307 Tanks (production)
 308 Tanks (loading)
 309 Barrel loading and filling shop
 310 Sliding platform
 311 Sliding platform
 312 Bath and dressing rooms
 313 Petroleum cleaning installation
 314 Oil and gasoline loading station
 315 Plant building
 316 Annex building
 317 Toilet
 318 Two fuel oil tanks
 319 Sulfuric acid refinery
 320 'Acid resin burning' (Saeureharzverbrennung)
 321 Switch station VIII
 322 Workshop
 323 Track scales
 323a Track scales
 324 Capstan
 325 Centrifuge building
 401 Gasoline purifying basin
 408 Tank station
 601 Extraction
 602 Dissolving shop
 603 Cleaning and precipitation
 604 Drying
 606 Dissolving shop
 610 Purifying basin
 612 Filtering station
 613 Woodworking workshop
 614 Carbonate depot
 615 Office
 618 Water evaporation
 619 Water evaporation
 620 Depot
 621 Cooling tower
 622 Nitric acid depot
 623 Water tank
 625 Switch station
 626 Cooling tower

Following numbers are not indicated on the layout sketch:

32 Old engine shed
 36 Gasoline loading
 43 Track scales - gasoline loading
 56 Electric workshop
 70 Elevated tank
 71 Pumping station of the Cecilia Mine

SECRET-CONTROL/US OFFICIALS ONLY

91 Water works on the Saale River
 85 Switch station X
 95b,c Sulfur dry cleaning for synthetic gas and hydrogenation rich gas
 101 Water works in the Gleina Valley
 105 Locomotive shed
 106 Coal dust bunker
 107 Muecheln water tank
 111 Cooling tower of the Cecilie Mine
 112 Krumpa water installation
 117 Niederglobichau water works
 118 Two deep wells
 124 Air raid shelters
 127 Cecilie open cast pit
 129 C3 and C4 production
 130 Branch office
 133 Steam boiler 10 and 11
 135 Zeuchfeld depot
 136 Langeneichstaett depot
 138 Annealing furnace
 139 Kitchen
 140 Briquetting factory
 141 Gatekeeper's house
 142 Factory making roof tiles
 143 Propane gas production
 144 Fine cleaning plant
 145 Briquette storage shed
 146 Transformer station of the Cecilie Mine
 147 Transformer station of the Cecilie Mine
 148 Pumping station for recooling water
 212 Tar oil distillation
 214 Fire pond
 215 Gas meter, 2,000 cbm
 216 Gasmeter, 2,000 cbm
 217 Pumping station
 326 Waiting room
 327 Tank depot of the Cecilie Mine
 401 Plant water pipeline
 401a Plant water pipelines
 401b Mud water pipe lines
 401e Gasoline purifying basin
 401f Gasoline purifying basin
 402 Gas pipe lines
 403 Light and power lines
 404 Spur tracks
 405 Plant square, roads and fences
 406 Telephone installations
 407 Residential buildings
 409 Zeuchfeld living quarters
 410 Condenser and reduction installations
 412 Improvement of the Geisal riverbed
 605 Kieselguhr regeneration
 617 Pumping station
 624 Depot for soda and "Lux" stocks

~~Former~~
WINTERSHALL CORPORATION
LÜTZKENDORF PLANT
KRUMPA NEAR MERSEBURG

Annex

TURN TO
MAP 1

25X1A

